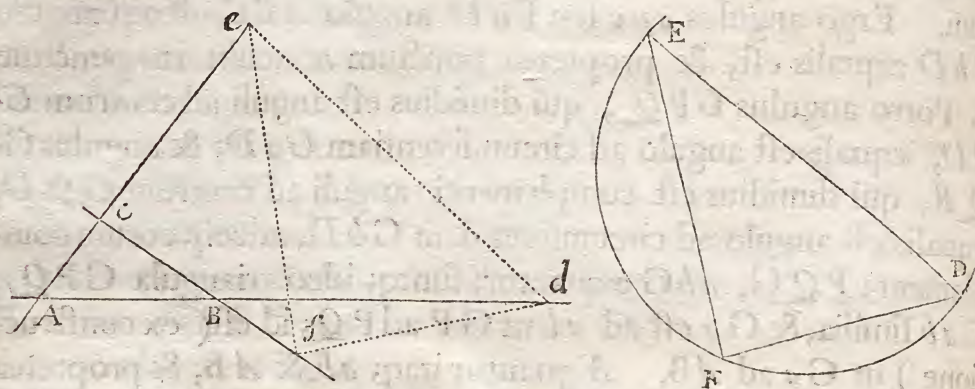


partes datis hujus partibus DE & EF similes & æquales secabitur.
Age rectas DE, EF, DF , & trianguli hujus DEF pone angu-



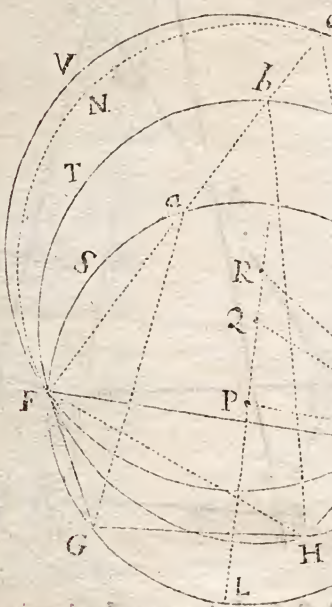
los D, E, F ad rectas illas positione datas: (per Lem. XXVI)
Dein circa triangulum describe Trajectoriam curvæ DEF simi-
lem & æqualem. Q. E. F.

Lemma XXVII.

Trapezium specie datum describere cujus anguli ad rectas quatuor positione datas (quæ neq; omnes parallelae sunt, neq; ad commune punctum convergunt) singuli ad singulas consistent.

Dentur positione rectæ quatuor ABC , AD , BD , CE , quarum prima secet secundam in A , tertiam in B , & quartam in C . & describendum sit Trapezium $fgbi$ quod sit Trapezio $FGHI$ simile, & cujus angulus f , angulo dato F æqualis, tangat rectam ABC , cæteri q; anguli g, b, i cæteris angulis datis G, H, I æquales tangant cæteras lineas AD, BD, CE respectivè. Jungatur FH , & super FG, FH, FI describantur totidem circulorum segmenta FSG, FTH, FVI ; quorum primum FSG capiat angulum æqualem angulo BAD , secundum FTH capiat angulum æqualem angulo CBE ; ac tertium FVI capiat angulum æqualem angulo ACE .

E. Describi autem de
FH, FI, ut literarum E
rum B ADB, utq; liter
EC, & literæ FVIF eo
ant. Compleantur seg
primi FSG, & Q cent



producat PQ , & in ea
 habet BC ad AB . Cap
 ut literarum P, Q, R i
 B, C : centroq; R & inter
 Nc secans circulum tertiu
 culum primum in a & sec
 figuræ abc $FGHI$ simili
 Trapezium $fgbi$ illud ip
 Secent enim circuli d
 Jungantur PK, QK, R